



## UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

| SERIAL NUMBER | REQUEST DATE | FIRST NAMED APPLICANT       | ATTORNEY DOCKET NO. |
|---------------|--------------|-----------------------------|---------------------|
| P-98,427      | 2/23/98      | DAVID MICHAEL GLENN, ET AL. | 4030B               |

Title: **METHOD FOR PROVIDING ENHANCED  
PHOTOSYNTHESIS**

Correspondence Address:

STEPHEN I. MILLER  
ENGELHARD CORPORATION  
101 WOOD AVE.  
ISELIN, NJ. 08830

|          |              |
|----------|--------------|
| Art Unit | Paper Number |
|----------|--------------|

Licensee under 35 U.S.C. 184 is hereby granted to file in any foreign country a patent application and any amendments thereto corresponding to the subject matter of this U.S. application identified above and/or any material accompanying the petition. This license is conditioned upon modification of any applicable secrecy order and is subject to revocation without notice.

License Number: 520,715

Grant Date: 23-Feb-98

Approved:   
for Commissioner of Patents and Trademarks

RECEIVED

JUN 05 2007

TECH CENTER 1600/2900

This license empowers the filing, the causation and the authorization of the filing of a foreign application or applications on the subject matter identified above, subsequent forwarding of all duplicate and formal papers and the prosecution of such application or applications.

This license is granted under 37 CFR 5.15(a)

This license is to be retained by the licensee and may be used at anytime on or after the date thereof.  
This license is not retroactive unless specifically indicated.

The grant of this license does not in any way lessen the responsibility of the licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations, especially with respect to certain countries, of other agencies, particularly the Department of the Treasury; Office of Munitions Control, Department of State (with respect to Arms, Munitions and Implements of War); the Bureau of Trade Regulation, Office of Export Administration, Department of Commerce; and the Department of Energy.

**LICENSE FOR FOREIGN FILING**

[Title 35, United States Code (1952) Sections 184, 185, 186]

**ENGELHARD**



ENGELHARD CORPORATION  
101 WOOD AVENUE  
P.O. BOX 770  
ISELIN, NEW JERSEY 08830-0770  
(732) 205-5000

February 20, 1998

Via FED EX

Ms. Lisa Zumwalt  
Berlin Associates  
2001 Jefferson Davis Highway  
Suite 404  
Arlington, Virginia 22202

Re: US 08/972648 filed November 18, 1997 - Case 4030A  
US 08/972659 filed November 18, 1997 - Case 4030B  
US 08/972653 filed November 18, 1997 - Case 4030C

Dear Ms. Zumwalt:

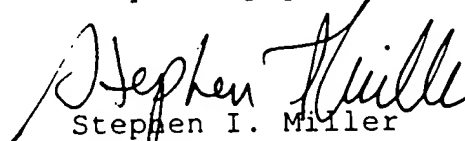
I am enclosing, for each of the above listed applications, Petition for Expedited License for Foreign Filing, in duplicate.

I am also enclosing a copy of the Filing Receipt, with Foreign Filing License grant, for the parent case (08/812301) for your information.

Please hand-carry this package to the Patent Office for expedited handling and notify me by telephone and fax when the license is granted.

This is urgent because the priority date is March 5, 1997.

Very truly yours,

  
Stephen I. Miller  
Chief Patent Counsel

Fax: 732-205-6727

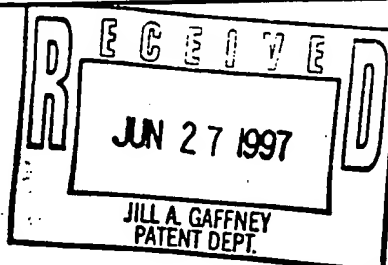
FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTORNEY DOCKET NO. | DRWGS | TOT CL | IND CL |
|--------------------|-------------|--------------|---------------|---------------------|-------|--------|--------|
| 08/812,301         | 03/05/97    | 1204         | \$770.00      | 4030                | 0     | 19     | 2      |

CHIEF PATENT COUNSEL  
ENGELHARD CORPORATION  
101 WOOD AVENUE  
ISELIN NJ 08830-0770



Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

DENNIS G. SEKUTOWSKI, STOCKTON, NJ; GARY J. PUTERKA,  
SHEPHERDSTOWN, WV; DAVID MICHAEL GLENN, SHEPHERDSTOWN,  
WV.

FOREIGN FILING LICENSE GRANTED 06/23/97

TITLE  
AQUEOUS DISPERSION OF A PARTICULATE SOLID HAVING A HYDROPHOBIC OUTER  
SURFACE AND FILMS PRODUCED THEREBY

PRELIMINARY CLASS: 556

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Dennis G. Sekutowski, et al  
Serial No. 08/972,653  
FILED: November 18, 1997  
FOR: TREATED AGRICULTURAL SUBSTRATES

Commissioner of Patents and Trademarks  
Washington, D. C. 20231

**PETITION FOR EXPEDITED LICENSE FOR FOREIGN FILING**

- ▶ Expedited Handling is requested
- ▶ Telephone Report requested

1. Petition

Petition is hereby made, in duplicate, for a license under 37 CFR 5.12(b) for the foreign filing of the subject matter for which a corresponding U.S. application was filed November 18, 1997. A copy of this application is attached hereto to assist in the handling of this petition.

It is requested that the duplicate copy of the petition be returned with the license or other action on the petition.

2. Identification

This application is a Continuation-In-Part of Serial Number 08/812,301 filed March 5, 1997, for which a foreign filing license was granted June 23, 1997; it is believed that this invention is clearly of no interest from a security standpoint:

Disclosed are horticultural substrates coated with a particulate membrane and a method for controlling pests and providing enhanced horticultural effect by applying a particulate membrane to the surface of the horticultural substrate.

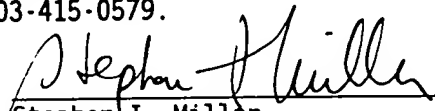
3. Expedited handling

Expedited handling of this petition for license is requested. The fee therefor is to be paid by charging \$130.00 to Deposit Account 05-1070

4. Telephone notification of issuance of license

Please notify Lisa Zumwalt, Berlin & Associates, of the issuance of the license by telephone at the following number: 703-415-0579.

Reg. No. 27,927  
Dated: February 20, 1998  
Tel. (732) 205-5181

  
\_\_\_\_\_  
Stephen I. Miller  
ENGELHARD CORPORATION  
101 Wood Avenue, Iselin, NJ 08830-0770

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: David Michael Glenn, et al  
SERIAL NO.: 08/972,659  
FILED: November 18, 1997  
FOR: METHOD FOR PROVIDING ENHANCED PHOTOSYNTHESIS

Commissioner of Patents and Trademarks  
Washington, D. C. 20231

**PETITION FOR EXPEDITED LICENSE FOR FOREIGN FILING**

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**1. Petition**

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It is requested that the duplicate copy of the petition be returned with the license or other action on the petition.

**2. Identification**

This application is a Continuation-In-Part of Serial Number 08/812,301 filed March 5, 1997, for which a foreign filing license was granted June 23, 1997; it is believed that this invention is clearly of no interest from a security standpoint as it relies to:

Disclosed is a method for enhancing the photosynthesis of horticultural crops which involves treating the surface of said horticultural crop with an effective amount of one or more highly reflective particulate materials.

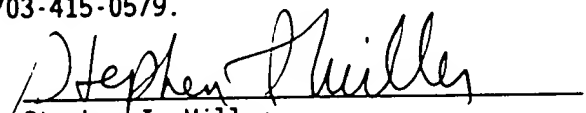
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101 Wood Avenue, Iselin, NJ 08830-0770

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****APPLICANT:** Gary J. Puterka, et al**Serial No.** 08/972,653**FILED:** November 18, 1997**FOR:** METHOD FOR PROTECTING SURFACES FROM ARTHROPOD INFESTATION**Commissioner of Patents and Trademarks  
Washington, D. C. 20231****PETITION FOR EXPEDITED LICENSE FOR FOREIGN FILING**

- ▶ Expedited Handling is requested
- ▶ Telephone Report requested

**1. Petition**

Petition is hereby made, in duplicate, for a license under 37 CFR 5.12(b) for the foreign filing of the subject matter for which a corresponding U.S. application was filed November 18, 1997. A copy of this application is attached hereto to assist in the handling of this petition.

It is requested that the duplicate copy of the petition be returned with the license or other action on the petition.

**2. Identification**

This application is a Continuation-In-Part of Serial Number 08/812,301 filed March 5, 1997, for which a foreign filing license was granted June 23, 1997; it is believed that this invention is clearly of no interest from a security standpoint.

Disclosed is a method for protecting surfaces from arthropod infestation which involves treating the surface with an effective amount of finely divided calcined kaolins, hydrophobic calcined kaolins, hydrous kaolins, hydrophobic hydrous kaolins, hydrophobic calcium carbonates, calcium carbonates or mixtures thereof.

**3. Expedited handling**

Expedited handling of this petition for license is requested. The fee therefor is to be paid by charging \$130.00 to Deposit Account 05-1070

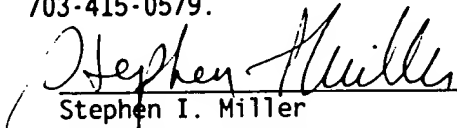
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